



Grade 6

Mathematics

Unit : 20 – Mass

- Answer all questions.

### Part I

- Express in kilogrammes.

1) 3605g

2) 750 g

3) 1 kg 755 g

4) Express in kilogrammes and grammes. 2.5 kg

5) Express in grammes. 1.25 kg

6) Fill in the blanks.

$$100\text{g} = \frac{1}{10} \text{kg} = 0.1\text{kg}$$

$$200\text{g} = \dots\dots\dots \text{kg} = \dots\dots\dots \text{kg}$$

$$500\text{g} = \dots\dots\dots \text{kg} = \dots\dots\dots \text{kg?}$$

7) How many 500g amounts in 1kg?

- Fill in the blanks.

8)  $1 \text{ kg} = \dots\dots\dots \text{g} \times 4 = 500 \text{ g} \times \dots\dots = \dots\dots \text{g} \times 8 = 100\text{g} \times \dots\dots$

9)  $6075 \text{ g} = \dots\dots\dots \text{kg} \dots\dots\dots \text{g} = \dots\dots\dots \text{kg}$

10)  $10\ 050 \text{ g} = \dots\dots\dots \text{kg} \dots\dots\dots \text{g}$

### Part II

1) Simplify.

i)  $575 \text{ g} + 350 \text{ g}$

ii)  $3 \text{ kg } 750 \text{ g} + 2 \text{ kg } 650 \text{ g}$

iii)  $5\text{kg} - 2 \text{ kg } 675 \text{ g}$

iv)  $5.75\text{kg} - 3.657 \text{ kg}$

v) Fill in the blanks.

$$\dots\dots\dots \text{g} = \frac{1}{1000} \text{kg} = 0.001 \dots\dots\dots$$

## 2) Price list

A packet of milk

Powder (100) – Rs. 54.00

A bar of soap – Rs. 65.00

A packet of margarine – Rs. 105.00

100g of tea leaves – Rs. 60.00

Find the total cost of the following items according to the above price list.

1kg of milk powder

2 bars of soap

A packet of margarine

90 g of tea leaves.

## 3) Simplify

i)	kg	g	ii)	kg	g	iii)	kg	g	iv)	kg	g
	+ 2	805		+ 4	250		– 4	265		– 13	875
	3	745		3	765		1	780		6	992
	_____			_____			_____			_____	
	=====			=====			=====			=====	

v)  $4 \text{ kg } 60 \text{ g} + 7 \text{ kg } 997 \text{ g} = \dots\dots\dots \text{ kg } \dots\dots\dots \text{ g}$

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